

**IMPROVED IMMORTALIZED HUMAN SKIN CELL LINES AND  
NOVEL SERUM-FREE MEDIUM USEFUL FOR THE PRODUCTION THEREOF**

**ABSTRACT**

The present invention relates to improved continuous (immortalized) cell lines, in particular keratinocytes and melanocytes derived from normal human skin tissue. The present invention also relates to novel serum-free media for isolating, producing and maintaining said improved continuous keratinocyte and melanocyte cell lines. The present invention also relates to methods for producing primary melanocytes and keratinocytes under serum-free conditions without any feeder cells.

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